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# ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS

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*Mechanicam vero duplicem Veteres constituerunt: Rationalem quae per Demonstrationes accurate procedit, & Practicam. Ad practicam spectant Artes omnes Manuales, a quibus utique Mechanica nomen mutuata est. Cum autem Artifices parum accurate operari soleant, fit ut Mechanica omnis a Geometria ita distinguatur, ut quicquid accuratum sit ad Geometriam referatur, quicquid minus accuratum ad Mechanicam. Attamen errores non sunt Artis sed Artificum. Qui minus accurate operatur, imperfectior est Mechanicus, & si quis accuratissime operari posset, hic foret Mechanicus omnium perfectissimus.*

NEWTON

*La généralité que j'embrasse, au lieu d'éblouir nos lumieres, nous découvrira plutôt les véritables loix de la Nature dans tout leur éclat, & on y trouvera des raisons encore plus fortes, d'en admirer la beauté & la simplicité.*

EULER

*. . . ut proinde his paucis consideratis tota haec materia redacta sit ad puram Geometriam, quod in physicis & mechanicis unice desideratum.*

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# CONTENTS OF VOLUME 142

ANDRÉ, N. & I. SHAFRIR, Asymptotic Behavior of Minimizers for the Ginzburg-Landau Functional with Weight. Part I .....	45
ANDRÉ, N. & I. SHAFRIR, Asymptotic Behavior of Minimizers for the Ginzburg-Landau Functional with Weight. Part II .....	75
BAUMAN, P., D. PHILLIPS & Q. TANG, Stable Nucleation for the Ginzburg-Landau System with an Applied Magnetic Field .....	1
BRESSAN, A. & A. MARSON, Error Bounds for a Deterministic Version of the Glimm Scheme .....	155
CAGINALP, G. & W. XIE, An Analysis of Phase-Field Alloys and Transition Layers .....	293
CARLEN, E., R. ESPOSITO, J. L. LEBOWITZ, R. MARRA & A. ROKHLENKO, Kinetics of a Model Weakly Ionized Plasma in the Presence of Multiple Equilibria .....	193
CORTÁZAR, C., M. ELGUETA & P. FELMER, Uniqueness of Positive Solutions of $\Delta u + f(u) = 0$ in $\mathbb{R}^N$ , $N \geq 3$ .....	127
ELGUETA, M., see CORTÁZAR, C. ....	127
ESPOSITO, R., see CARLEN, E. ....	193
FELMER, P., see CORTÁZAR, C. ....	127
HERRERO, M. A., A. A. LACEY & J. J. L. VELÁZQUEZ, Global Existence for Reaction-Diffusion Systems Modelling Ignition .....	219
JERRARD, R. L. & H. M. SONER, Dynamics of Ginzburg-Landau Vortices ..	99
LACEY, A. A., see HERRERO, M. A. ....	219
LODS, V. & B. MIARA, Nonlinearly Elastic Shell Models: A Formal Asymptotic Approach II. The Flexural Model .....	355
LEBOWITZ, J. L., see CARLEN, E. ....	193
MARRA, R., see CARLEN, E. ....	193
MARSON, A., see BRESSAN, A. ....	155
MASMOUDI, N., The Euler Limit of the Navier-Stokes Equations, and Rotating Fluids with Boundary .....	375

MIARA, B., Nonlinearly Elastic Shell Models: A Formal Asymptotic Approach I. The Membrane Model .....	331
MIARA, B., see LODS, V. ....	355
OWEN, D. R. & P. PEDREGAL, An Elementary Proof of the Fundamental Property of a Perfect Gas .....	281
PEDREGAL, P., see OWEN, D. R. ....	281
PHILLIPS, D., see BAUMAN, P. ....	1
ROKHLENKO, A., see CARLEN, E. ....	193
SAKAGUCHI, S. & T. SUZUKI, Interior Imperfect Ignition Cannot Occur on a Set of Positive Measure .....	143
SHAFRIR, I., see ANDRÉ, N. ....	45
SHAFRIR, I., see ANDRÉ, N. ....	75
SMOLLER, J. & B. TEMPLE, On the Oppenheimer-Volkoff Equations in General Relativity .....	177
SONER, H. M., see JERRARD, R. L. ....	99
SUZUKI, T., see SAKAGUCHI, S. ....	143
TANG, Q., see BAUMAN, P. ....	1
TEMPLE, B., see SMOLLER, J. ....	177
VELÁZQUEZ, J. J. L., see HERRERO, M. A. ....	219
XIE, W., see CAGINALP, G. ....	293
ZHANG, T. & Y. ZHENG, Axisymmetric Solutions of the Euler Equations for Polytrropic Gases .....	253
ZHENG, Y., see ZHANG, T. ....	253